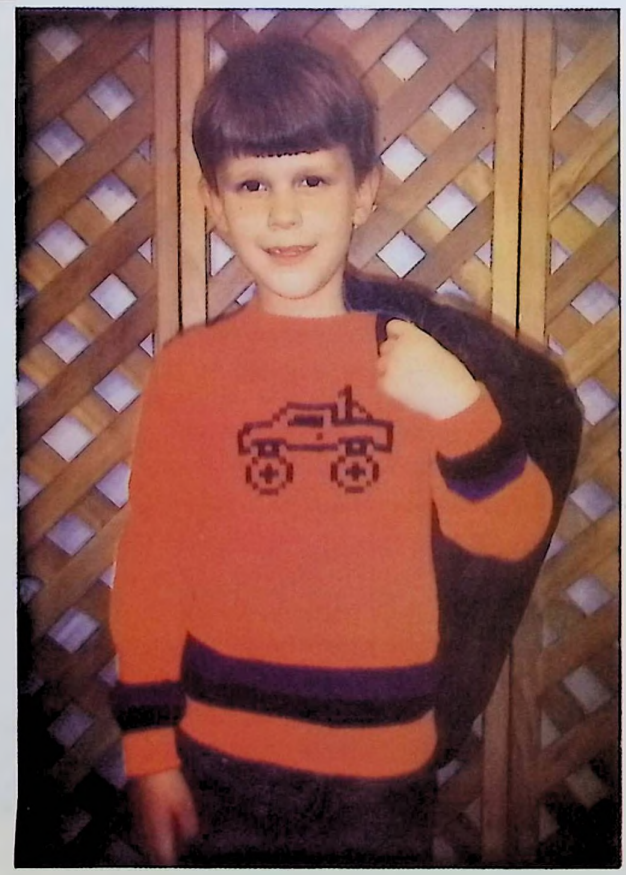
Pat's Patterns

The magazine for machine knitters



February, 1990

Our knits fit - no matter what shape you are in!

General Information

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Little Girl's Sideways Pullover

Sylvia Stewart

arn: single strand of Tamm erla in white, red, and navy.

auge: 7.75 stitches and 11 rows 1" @ **tension** 6 on a Studio 700.

lzes: 4 - 6 - 8 - 10.

hotograph: #1, at the top of age 2.

esign: The sweater is a combiation of stockinet, fairisle, and iping.

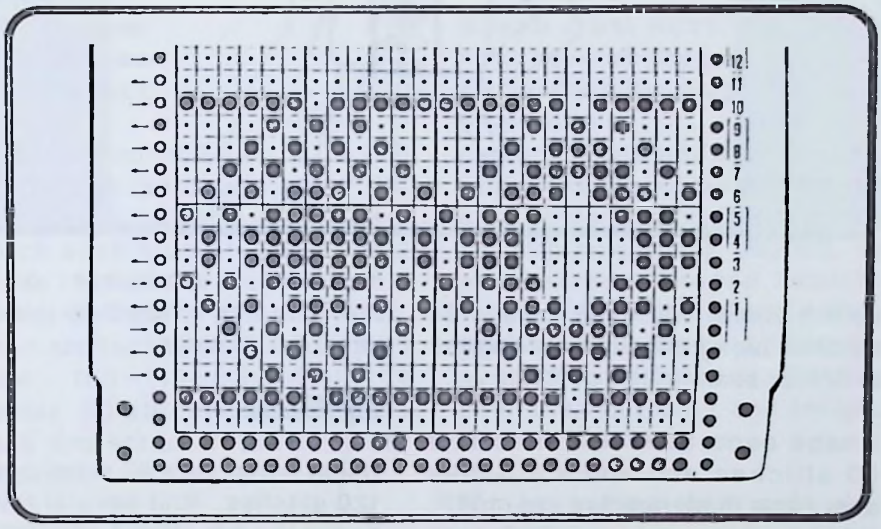
pproximate knitting level: Inermediate.

BACK

sing scrap yarn cast on 100 - 108 116 - 124 stitches, then knit everal rows to end at the left. nit one row just with ravel cord to me right. RC000. Tension 6. iith white knit even to RC 50 - 54 60 - 66 and place a marker in me lefthand stitch to indicate the eginning of the back neckline. C000 all sizes knit even to RC 0 and place a marker in the leftand stitch to indicate the end of me back neckline. RC000 knit ven to RC 50 - 54 - 60 - 66. crap off.

FRONT

nit the same as the back to the rst neckline marker (do **not** add a marker). RC000. The carriage is t the right. All sizes bind off 6 titches beside the carriage now, hen again at RC 2, 4, and 6. A otal of 24 stitches have been ound off for the front neckline haping. Continue even with white o RC 12.



Piping: **turn row counter off. With the chosen color knit 4 rows. Hang up a hem from the last row of main yarn, These rows do not add length to the garment, therefore are not counted. Turn the row counter on.**

With navy knit piping and hem it.

With white knit 2 rows. Knit the next row as you program the first row of the 12 row fairisle design. RC 15.

With red as the contrast color knit the 12 rows of the fairisle design.

With white knit 3 rows stockinet.

With navy knit piping and hem it.

With white knit 2 stockinet rows. Turn the card **upside down**. Knit the next row as you program the design.

With red as the contrast color knit the 12 rows of the fairisle design.

With white knit 3 rows stockinet.

With navy knit piping and hem it.

RC 48. Continue with white to RC 54. Carriage is at the right. All sizes e-wrap cast on 6 stitches this side now, and again at RC 56, 58, and 60. This completes the front neck shaping.

RC000. Knit even to RC 50 - 54 - 60 - 66. Scrap off.

SLEEVES

First you must join both shoulder seams. Purl side facing you, pick

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up the center 100 - 108 - 116 - 124 stitches along one side, having the shoulder seam in the center..

Shape cap: Start with the center 60 stitches and add 4 stitches every row til all needles are in WP. RC000. Decrease one stitch each side of every 10th row as you knit to RC 30 - 36 - 40 - 50. At this last row decrease evenly across to 60 - 66 - 72 - 80 stitches for the cuff.

Cuff: Arrange stitches for 1:1 rib. Tension 2 knit 30 rows. Knit 1 loose row then cast off.

Knit the second sleeve the same way.

LOWER BANDS

Carriage at the left. Pick up stitches evenly along one bottom edge. Knit 1 row to the right, then arrange stitches for 1:1 rib. Tension 2 knit 30 rows. Knit 1 loose row then cast off.

Do the other band the same way with the same number of stitches.

Right sides together hang the sides of the sweater on the machine and bind off to join. Do this for both sides.

COLLAR

Using scrap yarn all sizes cast on 120 stitches. Knit several rows to end at the left. Knit 1 row just with ravel cord. With white and tension 5 knit 40 rows. With navy and tension 5 knit 6 rows for piping, then hang up the last row of white. Tension 6 with white knit 40 rows. Hang up a hem from the first row of white.

With the purl side of the neck edge of the garment against the collar, beginning exactly at center front or center back, hang half of the neckline on half the collar needles and bind off. Do the same with the other half.

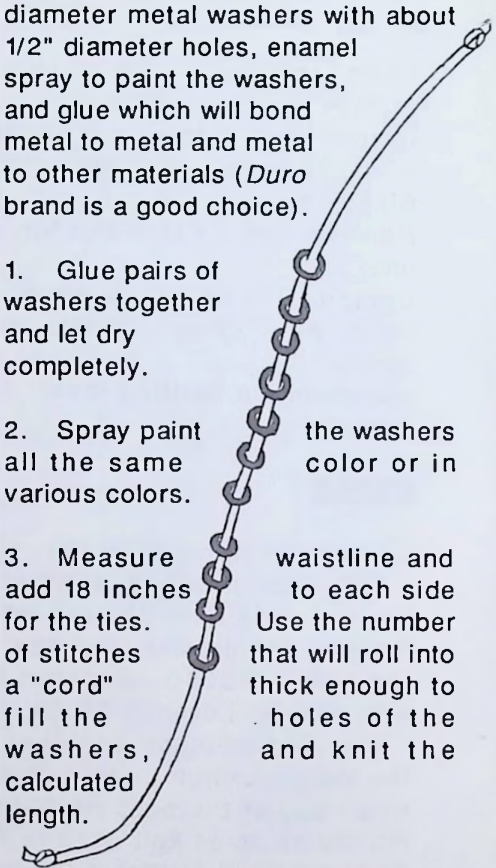
PIPING ALONG COLLAR SIDES

With the wrong side facing you pick up stitches evenly through both thicknesses along one edge of the collar. Knit 6 rows navy then scrap off. Do this with the other three edges. Whip stitch each of these trim pieces to hem.

Knitted Belt

Bonnie Konjevich

Materials: cotton yarn, several 1" diameter metal washers with about 1/2" diameter holes, enamel spray to paint the washers, and glue which will bond metal to metal and metal to other materials (*Duro* brand is a good choice).



1. Glue pairs of washers together and let dry completely.

2. Spray paint the washers all the same color or in various colors.

3. Measure waistline and add 18 inches to each side for the ties. Use the number of stitches that will roll into a "cord" thick enough to fill the holes of the washers, and knit the calculated length.

4. String the washers onto the belt, spacing them as desired and according to your color scheme.

5. Carefully glue the washers to the belt and allow to dry before handling.

6. Knot and fray check the ends of the belt.

Editor's note: You might want to knit two or three thin cordss, each in different colors, then thread all of these through the centers of the washers instead of one thick cord.

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Summer Pullover for G-Carriage

Lois Blystone

Yarn: double strand of 10/2 cotton or 3 strands or 3 strands of 14/2. About 12 oz. needed for 38".
Gauge: 7 stitches and 10.5 rows = 1" @ tension 10 on a 930.
Finished garment measurement at bustline: 36" - 40" - 42" - 44" - 48" - 52".
Pattern: # 377 from *Stitch World* with the KHC button engaged for opposite needle selection.
Photograph: # 4 at the bottom of page 2.
Notes: The chosen pattern is not listed as a G-carriage design, but as I looked through the graphed designs in the back of the book it caught my eye as an interesting one to try. I liked the results. I used the KHC button in order to reduce the number of knit stitches, making less work for the G-carriage needle. Many knitters don't realize that any design can be used with the G-carriage, although some will "show up" better than others. In the manual this design is listed as a multi-colored skip stitch pattern. When it is knit with the G-carriage it doesn't look anything like it is pictured.

BACK

Cast on 126 - 140 - 154 - 168 - 182 stitches for 26 rows of 2:2 rib. either use the ribber or the G-carriage. All stitches to the MB. Program the pattern. RC000 and tension 10 knit the length needed (inches include the ribbing):
12" - 100 rows;
13" - 110 rows
14" - 120 rows
15" - 130 rows.

RC000. Bind off 7 - 8 - 8 - 9 - 10 stitches at the beginning of the next 2 rows. All sizes decrease 1 stitch each side of every row 2 times, then every other row 2 times, then every 3 rows 2 times. Then continue even to RC 84 - 90 - 94 - 100 - 106. Bind off the center 50 stitches for the back neck and scrap off the shoulder stitches.

FRONT

Knit the same as the back through the underarm shaping, then continue even to RC 32 - 38 - 42 - 48 - 54.

Shape front neckline: Make a note here of the pattern row in preparation for programming the other side _____. Bind off the center 28 stitches and divide the work (take the lefthand stitches off on a holder or knit the needles to "A" with ravel cord). RC000. Knit as all sizes decrease 1 stitch at the neck edge every row 4 times, then every other row 4 times, then every 3 rows 3 times. Continue even then to RC 52 and scrap off the shoulder stitches.

Repeat for the other side of the neckline.

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Toddler's Jogging Suit

Patricia Wetzel

NECKBAND

Join one shoulder.

Cast on 148 stitches for 2:2 rib. Tension 3 knit 7 rows; tension 4 knit 7 rows. Pick up stitches from the sweater and hang on top with 50 for the back neck the the remaining 98 for the front. Bind off.

SLEEVES

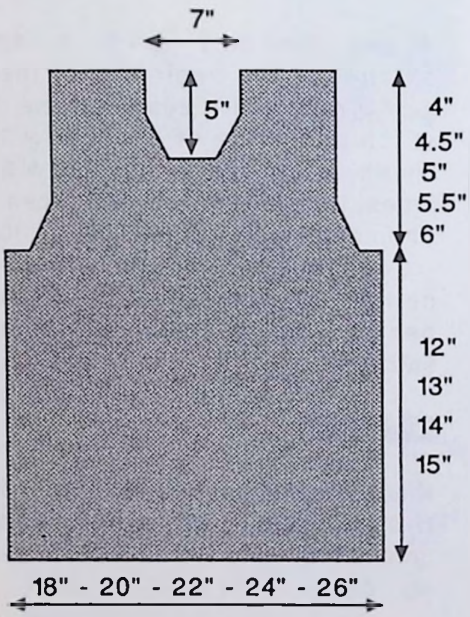
Pick up 112 - 118 - 126 - 132 - 140 stitches and manually knit all the needles to "A" position with a ravel cord **except** the center 40 for the beginning of the cap. Knit, putting 3 needles into work position opposite the carriage by popping the stitches from the ravel cord into the hooks of the needles. This can be done as the carriage is knitting at the other end on the work. I did not do the wrap stitch and it did not show in this cotton yarn. Continue putting needles in work until all are in work.

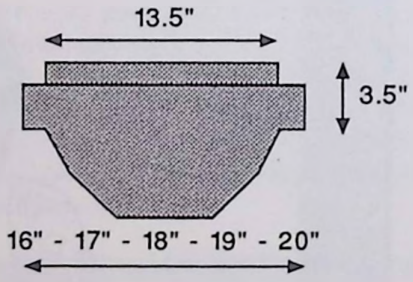
RC000. Knit to row 25 or adjust to the length you want. Reduce to 95 stitches or desired width. Knit 1 row with the regular carriage, then with the G-carriage knit 14 rows of 2:2 ribbing at tension 4 and bind off.

Repeat for the other sleeve.

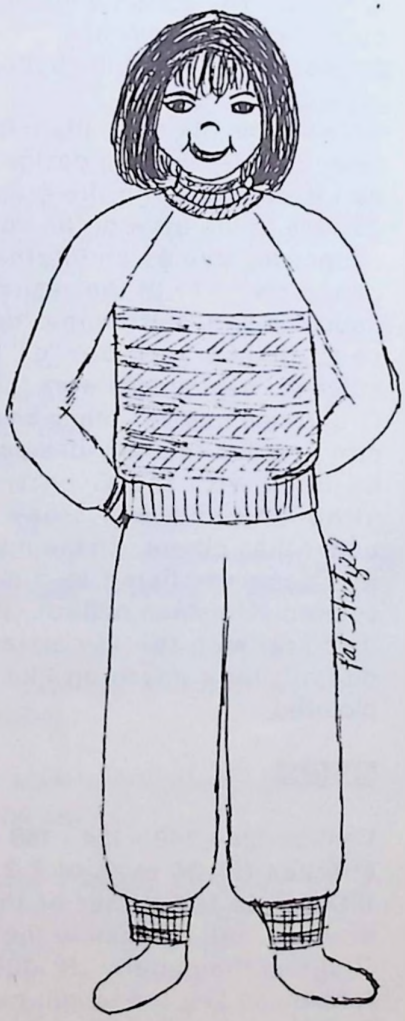
FINISHING

Seam the sides and the ends of the neckband. Enjoy .....





Yarn: Nomis 3/15 Excellence in Pearl Grey as the main color, with stripes in Neon Lime and Neon Orange (all available from Carl and Pat and/or your local dealer).
Gauge: 7.25 stitches and 11 rows = 1" @ **Tension** 8 on a Brother 930.
Size: to fit most 2 year olds.



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This outfit is easy enough that any beginner should be able to knit it with few problems!

PANTS

Set tension on 8. With grey automatic cast on 94 stitches, then continue for a total of 32 rows and the carriage is at the right side. "Hang a hem" by picking up each stitch from the cast on edge (actually, pick up the straight sections that the stitches are on).

RC000. Knit even to RC 87.

For the right leg e-wrap cast on 15 stitches beside the carriage at the left (when you knit the left leg you will e-wrap cast on 7 stitches at the left).

Knit to the right. RC 88.

for the right leg e-wrap cast on 7 stitches beside the carriage at the right (when you knit the left leg you will e-wrap cast on 15 stitches at the right).

You now have a total of 116 stitches, but they are not evenly distributed.

RC000. Knit as you decrease **two** stitches each side of RC 10, 20, 30, 40, 50, 60, 70, and 80.

To decrease two stitches lift the edge 3 stitches off on a transfer tool. Move the tool inward two spaces so that just the edge stitch goes on its own needle and the other 2 stitches go on top of stitches.

Continue even to RC 88. Youhave a total of 84 stitches now.

Do not break the yarn, but scrap off or take off on a garter bar if you know how to use it. Bring 58 needles to work position and rehang the leg stitches, putting two stitches on every-other needle except for two plain ones at each edge.

Transfer every other stitch to the ribber and insert comb and weights. Tension 4/4. Knit to the left with grey.

RC000. Changing yarn at the left, knit

6 rows neon lime
6 rows neon orange
6 rows grey,

repeating this stripe sequence to RC 45. The carriage is at the right.

Tension 10/8 knit one row to the left. Transfer all stitches to the main bed and remove the comb and weights. Break yarn. Cast off.

*To cast off just slip the righthand stitch onto the latch hook. *Pull the next stitch through the stitch that was on the hook.* Repeat * to *, ending by pulling the yarn tail through the last stitch.*

Knit the second leg with the changes noted for the differences between the two legs.

FINISHING THE PANTS

Sew each leg seam. Sew the one, continuous crotch seam, leaving an opening at the back to insert the elastic. Use 17" of 1" wide elastic for the band - thread it through and sew securely, then close that little band seam.

PULLOVER

This is knitted "upside down" in the fast and easy style that so many folks love. Since this is for a toddler, we are not doing any front neckline shaping - also, to keep the knitting as easy as possible for beginners.

COLLAR

Tension 1/1 cast on 84 stitches. Tension 5/5 knit in stripes for desired length (about 66 rows). Transfer all ribber stitches to the main bed.

Scrap off in sections: 14 stitches at the right, then the next 28 stitches, then the next 14 stitches. 28 stitches remain. Move these to the center of the needle bed, please (use the garter bar to do this or scrap off and rehang).

Carriage at the right of these stitches.

PULLOVER FRONT

Tension 8. RC000. Insert grey and

knit one row - put the next needle beside the carriage into work position for an automatic increase.

Continue the above shaping, adding one new stitch each row to RC 66. There will be 94 needles in work position and the carriage will be at the right, although the end needle at the right does not have any yarn in it. The raglan shaping

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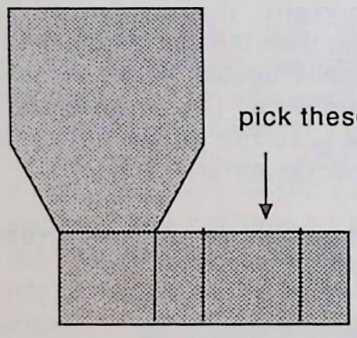
is now completed.

RC000. Knitting the stripe pattern for the remainder of the front, knit even to RC 78. Arrange stitches for 1:1 ribbing. Tension 4/4 knit 24 rows. Tension 10/8 knit 1 row. Break yarn and cast off.

PULLOVER BACK

Being very careful not to twist the stitches pick up the other set of 28 stitches from the collar for the back, skipping 14 sleeve stitches between the front and the back. The easiest way to do this is to hold the **bottom** of the front, having the purl side facing you and letting all the rest dangle. With the knitting in this exact position pick up the back neck stitches.



Knit the pullover back exactly the same as the front.

PULLOVER SLEEVE

Purl sides facing you pick up the 14 sleeve stitches on the collar that are between the stitches of the front and back. Immediately to the left of this, keeping the purl side toward you, pick up exactly the 33 loops along the raglan edge of that part. Put these 33 needles in hold and put the hold button on.

Tension 8 with grey knit across the 14 collar stitches to the left. Put the needle closest to the beginning stitches into work position.

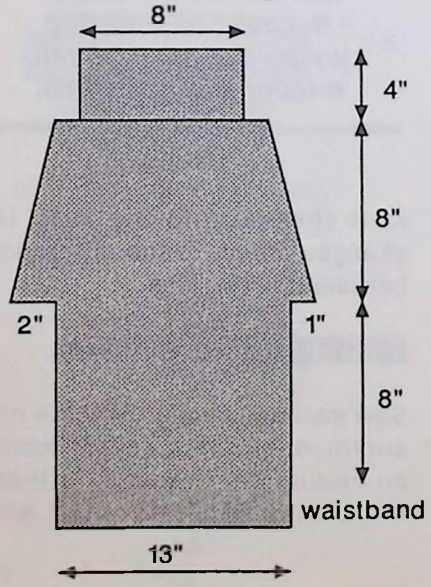
At the right, keeping the purl side toward you, pick up the 33 loops along the raglan edge of the other part and put these needles in hold position. Knit to the right and then at the right put the needle closest to the beginning stitches into work position.

Knit one row.
At the carriage side return the next needle to work.

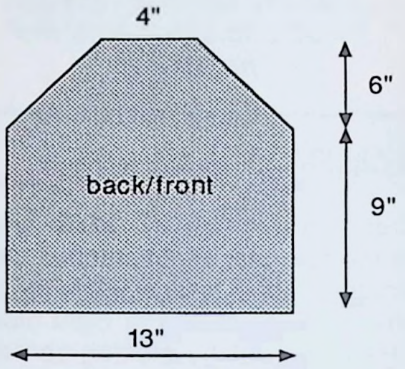
Continue the above shaping until the carriage is at the right and all needles are in work position, but the needle at the right edge has not yet knitted. This completes the raglan shaping.

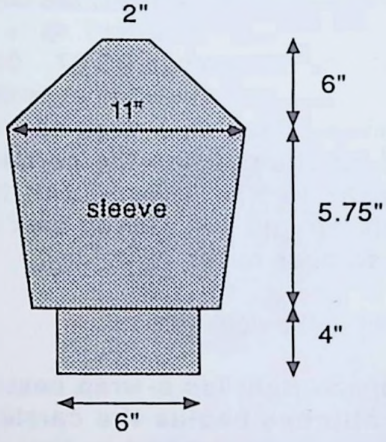
RC000. Still with grey knit as you decrease **two** stitches at each side of RC 10, 20, 30, 40, 50, and 60. Then, at RC 64 scrap off then rehang onto 44 needles, putting double stitches on 12 of those needles evenly spaced. Arrange for 1:1 rib. Knitting stripes if desired, use tension 4/4 to knit 45 or 46 rows to end at the right. Tension 10/8 knit one loose row. Break yarn and cast off.

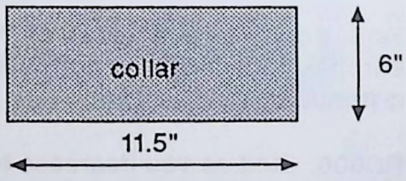
Pant leg



Pullover







Please note that the pullover parts should have been drawn upside down, since that's the way they are knitted.

Larger sizes (4 and 6) can easily be knitted, too. Just add 12,24 rows to the length of each piece and make each piece 8, 14 stitches wider at the cast on.

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A Knitter's Dictionary

Patricia Wetzel

BB is the abbreviation for "back bed". If yours is a Japanese machine this means the main bed, but if you have a Passap it is the ribber (kinda).

"B" position on all Japanese machines is the position at which needles knit.

Band refers to a rectangular part of the knit that finishes off an edge. It can be a **front** band, **neck** band, **arm** band, or **lower** band, but it is not a **brass** band, **head** band, **marching** band, or **rubber** band. These finishing bands might be a single thickness of fabric as in ribbed bands or they might be knitted in some other stitch and they can also be faced. Bands are usually needed to give a finished appearance to single knit garments.

Bar - If you immediately think of salad or an alcoholic beverage it shows that your attention has wondered away from knitting. A bar is most likely the straight length of yarn that connects one stitch to another.

Bead - Beads are often used to decorate our knits. They are available in many sizes, shapes and colors. Beads may be threaded onto stitches as we knit (called "knitted -in") or they can be attached after the knitting is finished. Similar effects are achieved with sequins & pailettes.

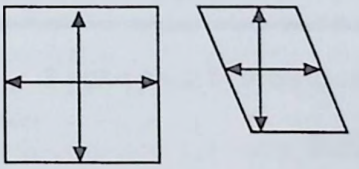
Bed - This is what you rest on after a hard day at the knitting machine. But the bed of the knitting machine is the flat part of the machine which contains the needles. This is a hard bed which is only conducive to rest for cats. The gate pegs (sinker posts) would definitely hinder a human from resting on this bed!

Bias is another word for prejudice and means that an opinion or view slants or leans toward a certain direction. In reference to knitting the meaning is very similar. Any piece of fabric whose lengthwise and/or horizontal grain line is canted so that the grain lines are on a diagonal is biased.

Sometimes we may strive to achieve this slanted effect by decreasing at one side and increasing at the other during the knitting process. However, for reasons not known to me some yarns (especially some cottons) will bias when they are knitted in simple stockinet.
Biased fabric will also occur with any/all fibers if one makes many eyelets across a row and does this on many rows - if the stitches are always transferred in the same direction. Some other stitches can also cause biasing.

I recently knitted a swatch in a simple seed stitch done as a tuck stitch (every other stitch tucked on row # 1 and on row # 2 the alternate stitches tucked). My sample biased so badly that it would be impossible to use that stitch! Probably if there was a plain, stockinet row between the tuck rows the biasing either would not happen or would at least be less pronounced.

The diagrams show the normal grain lines of a square piece of fabric and the slant around the grain lines of bias fabric.



Bind off - So it won't unravel/ravel the end of the knitting must be finished in some way. Often we "bind off". When binding off, stitches are knitted together across the row until no further stitches remain. There are many acceptable methods of binding off, but all of them require the use of additional yarn in the bind off stitches.

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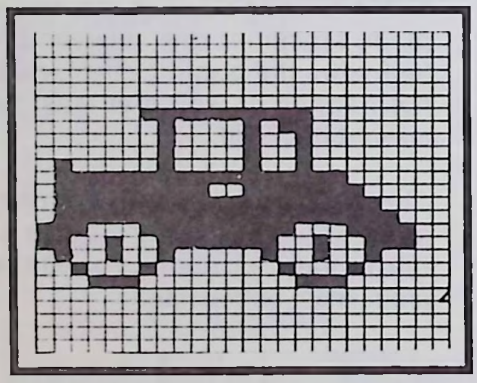
Greg's Car Sweater

Jeffery Tissue

Yarn: double strands of 2/24.
Gauge: 8 stitches and 12 rows = 1" @ **tension** 5 on a Studio 580, but be sure to use the proper setting for **your** machine.
Sizes: 6 mos., 1 T - 2 T - 3 T - 4 T - 6.
Finished chest/bust: 23" - 24" - 25" - 26" - 27" - 28". This includes 4" ease.
Design: Use the car design shown below.



Photograph: # 2 on page 2.

BACK

With red and T 0/0 cast on 92 - 96 - 100 - 104 - 108 - 112 stitches for 1:1 rib. T 1/1 all sizes knit 36 rows. Transfer all stitches to the MB.

RC000. Insert grey. T 8 knit 1 row. T 5 knit 7 rows. Insert design card and lock on row 1. Program the design as you knit the next two rows.

T 6. Change back to red yarn and insert black in feeder # 2. Release card to run and set carriage for fairisle knitting.

Knit the 14 rows of the car design.

Return all carriage settings for normal stockinet knitting. T 5 with red continue to RC 58 - 64 - 76 - 82 - 88 - 94.

Shape armholes: Take 8 stitches at each edge off on scrap or yarn holders. RC000. Knit as you dec 1 stitch FF at each edge:

6 mos. - ev 6th r 1x; ev 5th r 3x
1 T - ev 6th r 2x; ev 5th r 2x
2 T - ev 5th r 3x; ev 4th r 2x
3 T - ev 4th r 6x
4 T - ev 4th r 4x; ev 3rd r 3x
6 - ev 4th r 5x; ev 3rd r 2x.

Continue even then to RC 52 - 54 - 58 - 60 - 64 - 66.

Shape back neckline: All sizes scrap off the center 28 stitches. Divide the knitting. Working on the right side only all sizes knit as you dec 1 stitch FF at the neck edge every-other row 6x, then knit 1 row over all of these 14 - 16 - 17 - 18 - 19 - 21 shoulder stitches. Scrap off.

Knit the other side of the back neckline to correspond.

FRONT

Knit the same as the back up to (and including) taking off the 8 armhole stitches at each side.

Shape armhole and vee neck: Divide the work. RC000. Shape the armhole as you did the back and at **the same time** decrease 1 stitch at the vee neckline every 3rd row 17x - 14x - 11x - 8x - 5x - 2x, then every 4th row 3x - 6x - 9x - 12x - 15x - 18x.

Knit 1 row over all these 14 - 16 - 17 - 18 - 19 - 21 shoulder stitches then scrap off.

Knit the other side to correspond.

Note: It has come to my attention that this is the point where beginning knitters have a problem. Always be sure to count the number of sts that remain for the shoulders to make sure you have the same amount of sts for both the back and the front. If they do not match, go back and retrace your knitting steps one-by-one to locate the error. **Do not fudge to make up for stitches** since this looks terrible on the finished garment! Make it a point to get help if you need it. If this problem sounds familiar, don't keep making the same mistake over and over. It is most important to solve the problem **now**.

NECKBAND

First join one shoulder seam.

Wrong side of garment facing you, pick up 38 - 40 - 42 - 44 - 46 - 48 stitches along **one** side of the vee

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Accurate Shaping for Beginners

Patricia Wetzel

neckline, plus 7 stitches for each back neck curve, plus the 28 stitches from scrap for the back neck.

T 4 knit 1 row to the right over these stitches. Transfer every-other stitch for 1:1 rib. T 1/1 all sizes knit 18 rows. T 10/10 knit 1 row. Transfer all sts to the MB. Break yarn and cast off.

Pick up stitches just along the other side of the vee and knit as above.

Join the remaining shoulder seam and neckband seam at the shoulder. Overlap front of neckband at the point of the "v" and stitch down.

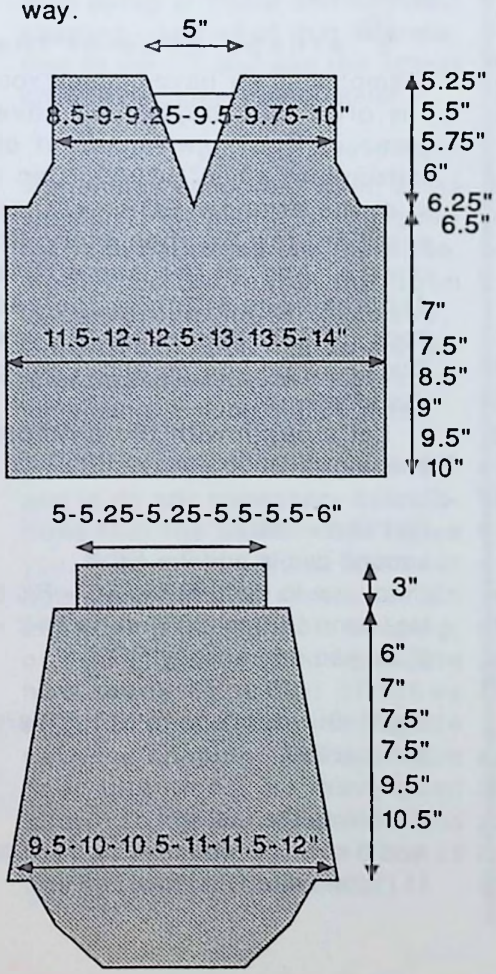
SLEEVES

Wrong side of garment facing you, pick up 76 - 80 - 84 - 88 - 92 - 96 sts along the armhole, including the scrapped off underarm sts.

Set carriage for partial knitting. T 5 shape the sleeve cap by first knitting 2 rows over just the center 26 - 28 - 28 - 30 - 32 - 32 stitches. Return 5 ndls to WP opp the car on the inside over the next 2 rows. Return 4 ndls to WP on the inside over the next 2 rows. Now return 3 ndls over the next 4 rows, then 2 ndls at the beg of each remaining row until just the 8 sts at the underarms are all that remain. Add one side and knit 1 row, then add the other 8 sts and knit 1 row.

RC000. Dec 1 st FF at each edge every 12th row to RC 72 - 84 - 90 - 114 - 126. Decrease evenly across the row to 40 - 42 - 42 - 44 - 44 - 48 sts. T 4 knit 1 row over these sts then transfer every-other stitch for 1:1 rib. T 1/1 knit 35 rows rib. T 10/10 knit 1 row. Transfer all sts to the main bed, break yarn and cast off.

Knit the other sleeve the same way.



As Jeff noted, beginners do have a problem figuring out exactly when to decrease (or increase) and they don't always know how to count to check. Here are a few helps.

When you decrease a stitch at each side, always look at the numbers on the needle bed to be sure you didn't forget to decrease at one side. Those numbers are there to help you, so use them! Also, when you decrease make absolutely sure that the decreased needles have been returned to "A" position - not partway between "A" and "B". If you don't get them in "A" they will pick up a loop of yarn on the next pass and resume knitting - negating (cancelling out) the decrease that you just did!

Some instructions tell you at which row counter numbers to decrease. For instance, the how-to might read " dec 1 st FF each side of RC 2, 4, 6, 8, and 10". In this case you will do the decrease each time those numbers appear in the windows of your row counter. In other words, when the RC shows 002 you decrease; when it shows 004 you decrease, and so forth. Don't try to make the instructions more complicated then they are by reading something that isn't there.

In some instances, you may be instructed to decrease a stitch "every 3rd row". If so, you count each pass of the carriage aloud

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as you knit. In this case push the carriage to the left as you count "1"; push to the right as you count "2"; push to the left as you count "3". Now, decrease. Begin counting to three again: push to the right as you count "1"; push to the left as you count "2"; push to the right as you count "3". Now, decrease.

Let's presume you were instructed to "RC000, then dec 1 stitch each side of every 3rd row a total of 20 times". First, multiply 3 x 20 to find out that the last time you will decrease will be at RC 60. Suppose somewhere along the way you are interrupted in mid count? When you return to your machine you can look carefully to see if any double stitches are on any needles which would tell you that you just decreased. If that's not the case, look at the RC. Your decreases must be done every 3rd row, so if the RC says "34" divide by 3 and "get" 11 with a remainder of 1, meaning you have already decreased every 3rd row 11 times in all and you have knitted 1 more row out of the next 3-row set. Knit 2 more rows then decrease. Now you have "found your place" and can resume counting and decreasing.

Another puzzler for some new knitters is the act of taking off neckline stitches. If the "how-to" says to take off the center 28 stitches on scrap, this means half of those stitches will be on each side of center 0. 28 divided by 2 = 14 stitches to remove at each side. Maybe the instructions tell you to remove those center 28 stitches, then RC000 and dec 1 stitch EOR at the neck a total of 5 times. After all of the neck decreases have been done, which needle will have the first stitch on at the neck edge? 14 taken off at first + 5 decreased away = 19 stitches gone for the neckline. Thus, the first needle with a stitch must be # 20. Too often a new knitter's thinking is muddy and she (or he) might try to have the first needle with a stitch on as # 19 (since 14 + 5 = 19). It is an illogical kind of logic which creates havoc!

Suppose the instructions tell you that you should end up with 21 shoulder stitches. You look at the needle bed and see that there are stitches on needles # 20 right through # 40 at the right. Do you groan and say "oh no, I only have 20 stitches, not 21. I must have goofed somewhere."? What is wrong with this person's reasoning? # 20 - # 30 is 11 needles and # 31 - # 40 is 10 needles, which does total 21. Many people would make the error of "seeing" just 20 stitches in this case. The moral is, **count** the stitches that remain - to be sure!

Perhaps none of the examples so far have caused you any grief, but maybe you have some difficulty when a set of instructions says "RC000. Dec 1 st at the armhole EOR 4x, then every 3rd row 3x, then every 4th row 2x. And, **at the same time** decrease one stitch at the vee neck EOR 6x then every 3rd row 12x. How do you go about doing this shaping?

Let's begin with the armhole shaping. RC000 and dec EOR 4x:

first dec = RC 2
second dec is add 2 = RC 4
third time to dec EOR is +2 = RC 6
last time to dec EOR 4x is 6+2 = 8, so you decrease at RC 8.

Next, the decreases are "every 3rd row 3x.

RC 8 was the last dec.
Add 3 rows for the next dec RC of 11 (1 time at ev 3rd row).
Add 3 rows for the next dec row: 11 + 3 = 14, so dec at RC 14 for the second of the "dec 1 st ev erd row 3x".
Finally, 14 + 3 = 17, so you dec again when the RC says 17, which is the third time you decreased after having knitted 3 rows.

The last part of the armhole shaping says "then every 4th row 2x". Our last dec row was 17.
17 + 4 rows = RC 21 we must dec. (that's once after knitting 4 rows).

Then 21 + 4 rows = RC 25 we must decrease. That is the second time we decreased after knitting four rows, so the armhole decreases would then be finished.

In summary, then, you must decrease at the armholes when the RC says: 2,4,6,8,11, 14,17,21 and 25.

At the same time as you do the armhole shaping, you must also decrease stitches at the neckline EOR 6x (RC 2,4,6,8,10, and 12, right?). Sure! Knit 2 rows, then decrease a stitch - doing this 6 times in all - RC 2 is the first time to dec, RC 4 is the second time to dec, RC 6 is the third time to dec, RC 8 is the fourth time to dec, RC 10 is the fifth time to dec, and RC 12 is the sixth time to dec.

Next, you are to decrease every 3rd row 12x, so you **add 3 rows, 12 times**. 12 was the last dec. Adding 3 rows 12 x to tell us which RC to do the decs on we learn we must dec at RC 15, 18, 21, 24, 27, 30, 33, 36, 39, 42, 45, and 48!

In summary then, the neck decreases will be done on RC 2, 4, 6, 8, 10, 12, 15, 18, 21, 24, 27, 30, 33, 36, 39, 42, 45, and 48.

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Brian's 4 x 4 Sweater

Jeffery Tissue

Once you have all of the RC figured out, all you need to do is to prepare your own chart so you can see at a glance where and at which RC you must decrease. An easy way to set this information down is on a "T bar" as shown below.

armhole	neckline
2	2
4	4
6	6
8	
	10
11	
	12
14	
	15
17	
	18
21	
	24
25	
	27
	30
	33
	36
	39
	42
	45
	48

Can you see how much easier this will be to keep track of the shaping of two parts?

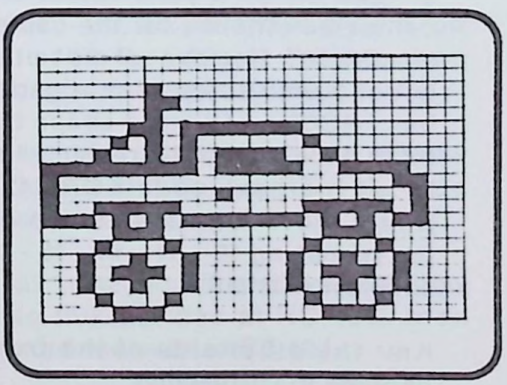
Are you wondering why we who write patterns don't include all of the above information? If the instructions are for several sizes you can see that much space would be needed, making any pattern very wordy. Now that you know how easy it is to do these few calculations and prepare your own T bar, you don't need to be upset that this information is not included!

T-bars can be used any time you have to keep track of two or more knitting processes at once. Next time you have to cross a cable every 8th row while you are also doing armhole and neckline shaping - add all of that information to your T bar and the actual knitting becomes much easier.

Another problem new knitters sometimes encounter when doing shaping is the failure to distinguish between **decrease** and **Increase**. Mostly we decrease, but upon occasion we must increase. Creatures of habit that we are, we might easily decrease instead of increasing, making quite a mess.

Above all, learn to use logic and to do any necessary calculations that the author didn't give you. **You** might have to figure out how many stitches should remain after doing the armhole shaping, or **you** might have to calculate how many shoulder stitches should remain after doing the neckline shaping. Writers have good intentions, but have been known to omit information and they even make math errors as well as typographical errors!

Yarn: Heirloom Carasoft (2/11.5) or any yarn to obtain gauge, in red, blue, and black.
Gauge: 6.75 stitches and 10 rows = 1" @ **tension** 8 on a Studio 580. Be sure to use the tension that your machine needs to get the gauge.
Finished Chests: 29" - 31" - 33" - 35" - 37".
Photograph: This garment is featured on the cover.
Design: Shown below. What boy doesn't get excited about 4 x 4 trucks - Big boys too, for that matter! Owners of electronic machines should make the design double width and double length. Punchcard machine owners can also make use of the design with some simple adapting.



FRONT

With red and T 0/0 CO 98 - 106 - 112 - 118 - 126 sts in 1:1 rib. T 3/3 all sizes knit 30 rows rib. Transfer all sts to the MB.

RC000. T 8. With black knit to

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RC 10. With blue knit another 10 rows. With red continue to knit to RC 66 - 76 - 90 - 96 - 106.

Insert design card and lock on the first row of the design. Knit 2 more rows of plain stockinet, then release card to run. Set carriage for fairisle knitting. With black as the design color, knit the single motif to RC 86 - 96 - 110 - 116 - 126.

Shape armholes: Take off 7 stitches at each edge for the underarm. RC000. Continue to knit the single motif (it will finish for all sizes at RC 18, at which time you should resume stockinet knitting) while you also dec 1 st FF at each edge as follows:

29" - ev 5th r 2x; ev 4th r 3x
31" - ev 3rd r 6x; EOR 2x
33" - ev 3rd r 8x
35" - ev 3rd r 4x; EOR 6x
37" - ev 3rd r 2x; EOR 10x.

Continue even in stockinet to RC 36 - 36 - 38 - 40 - 44.

Shape front neckline: Scrap off or take off on a yarn holder the center 26 stitches for the center front neck. Remove all sts to the left of 0 onto scrap yarn or garter bar. RC000. All sizes shape the front neckline by decreasing 1 st FF at the neck edge EOR 14x. Knit 2 more rows then scrap off the remaining 10 - 11 - 14 - 15 - 17 shoulder stitches.

Knit the other side of the front neckline to correspond.

BACK

Knit the same as for the front up to (and including) taking off the 7 stitches at each edge for the underarms (I have been told that a second 4 x 4 on the back would be desirable; the choice is yours).

RC000. Shape armholes using the same formula as for the front, then continue to knit even to RC 66 - 66 - 68 - 70 - 74.

Scrap off 10 - 11 - 14 - 15 - 17 sts beside the carriage for one shoulder, then scrap off the center 54 sts for the back neck, then the remaining 10 - 11 - 14 - 15 - 17 sts for the other sholder.

NECKBAND

Join one shoulder seam before continuing.

Wrong side of garment facing you, all sizes pick up the 26 front neck sts from scrap, plus 20 sts for each front neck curve, plus the 54 back neck sts from scrap.

T 8 knit 1 row to the left over these sts, then transfer every- other stitch for 1: 1 rib.

T 3/3 all sizes knit 9 rows rib. Knit 1 row at T 10/10. Transfer sts to the MB. Break yarn and cast off.

Join the other shoulder seam.

SLEEVES

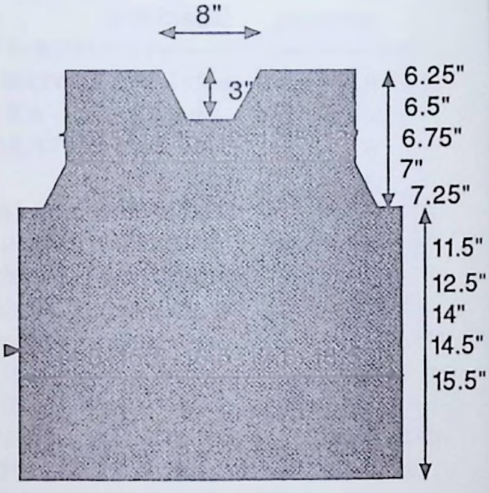
Set carriage for partial knitting. Put all needles into hold except the center 26 - 28 - 28 - 30 - 30. Knit 2 rows over these stitches.

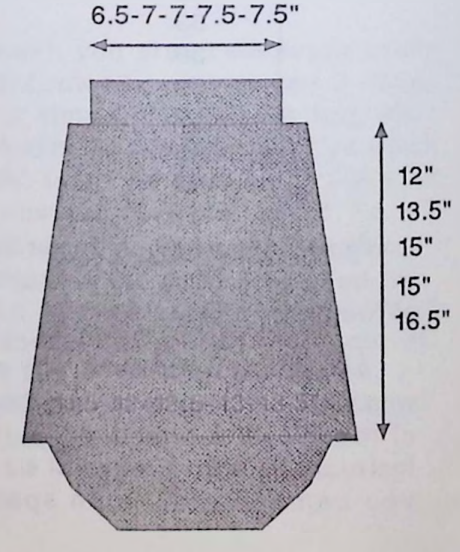
Return 5 needles to WP opposite the carriage on the inside over the next 2 rows. Return 4 needles to WP on the inside over the next 2 rows. Now return 3 needles to WP over the next 4 rows. Next, return 2 needles to WP at the beginning of each remaining row until the sts just 7 needles remain in hold at each side. Return one side to WP and knit 1 row, then the other. This completes the cap shaping.

RC000. All sizes knit as you dec 1 st FF at each edge every 10th row to RC 100 - 116 - 130 - 130 - 146. Continue decreases as you knit with blue to RC 110 - 126 - 140 - 140 - 156, and then with black to RC 120 - 136 - 150 - 150 - 166. Decrease evenly across the row to 44 - 48 - 48 - 52 - 52 sts. Knit 1 row, then transfer every-other stitch for 1:1 rib.

Cuff: T 3/3. With red knit 23 rows rib. Knit 1 row at T 10/10. Transfer all sts to the MB. Break yarn and cast off.

Knit the other sleeve the same way.





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Dolman Sleeve, Insert Blouse

Patricia Wetzel

Yarn: Beacon Hill by Nomis. Pink Taffy is the insert, bordered by the summer print then aqua. Beacon Hill is a dress yarn that is available from your local dealer or from Carl and me.
Gauge: 8.25 stitches and 11.75 rows = 1" @ tension 5 on a Brother 890.
Finished measurement at bust: 36" - 40" - 44" - 48" - 52" - 56".
Photograph: look at # 3 on page 2. I'm the one in the Beacon Hill outfit. Pippin is wearing his natural grey marl fur.

FRONT PANEL

Use pink taffy. All sizes knit this the same. Carriage on the right. RC000. E-wrap cast on 8 stitches. T 5 knit to RC 6.

Increase 1 stitch each side by moving the edge 3 stitches outward by one needle. Bring the empty needle at each side forward to pick up yarn on the next row and create a decorative eyelet.

Continue to increase as above every 6th row to RC 178 (4 rows are knitted beyond an increase).

Shape front neckline: Take the center 26 stitches off on a yarn holder. Place all needles at the left in hold position and set the carriage for partial knitting. RC000. Knit as you **decrease** one stitch FF at the neck edge on RC 1, 2, 3, 4, 6, 8, 10, 12, 15, 18, 21, 24, 28, 32, 37, and 42, and **at the same time** make an eyelet increase at RC 2, 8, 14, 20, 26, 32, 38, and 44. Continue even to RC 46. Scrap off these 12 sts.

Knit the other side to correspond.

BACK PANEL

Work the same as the front panel, but doing increases both sides of every 6th row to RC 212.

Shape back neckline: All sizes take the center 52 sts off on a yarn holder. Place all needkes at the left in hold position. Set carriage for partial knitting. RC000. All sizes knit as you **decrease** one stitch FF at the neck edge on RC 3, 6, and 9, and **at the same time** make an eyelet increase at RC 4 and 10. Continue even to RC 12. Scrap off these 12 sts.

Knit the other side to correspond.

SIDE FRONT (or side back) AND HALF OF A SLEEVE

Purl side facing you, all sizes pick up 152 sts along one side of one panel. Place the carriage at the **neck edge** of the panel. RC000. With T 5 and print knit and dec one stitch FF only at the side opposite the neckline on these RC:

36" - 3, 6, 10, 15, 20
40" - 5, 10, 15, 20
44" - 6, 12, 18, 24
48" - 2, 8, 14, 20
52" - 4, 8, 16, 24
56" - 8, 16, 24.

At RC 24 all sizes break print and attach aqua. Do not reset row counter. Continue to knit with aqua as you dec one stitch FF at the same side as before on these RC:

36" - 25, 30, 35 and every 5th row to the last dec at RC 75, then continue even to RC 76;

40" - 25, 30, 35 and every 5th row to the last dec at RC 80, then continue even to RC 88;

44" - 30, 36, 42 and every 6th row to the last dec at RC 96, then continue even to RC 100;

48" - 26, 32, 38 and every 6th row to the last dec at RC 110, then continue even to RC 112;

52" - 32, 40, 48 and every 8th row to the last dec at RC 120, then continue even to RC 124;

56" - 32, 40, 48 and every 8th row to the last dec at RC 128, then continue even to RC 136.

The carriage is at the neck edge. At the opposite side (the side where all of the decs were done) all sizes take off the edge 33 stitches, leaving 103 stitches.

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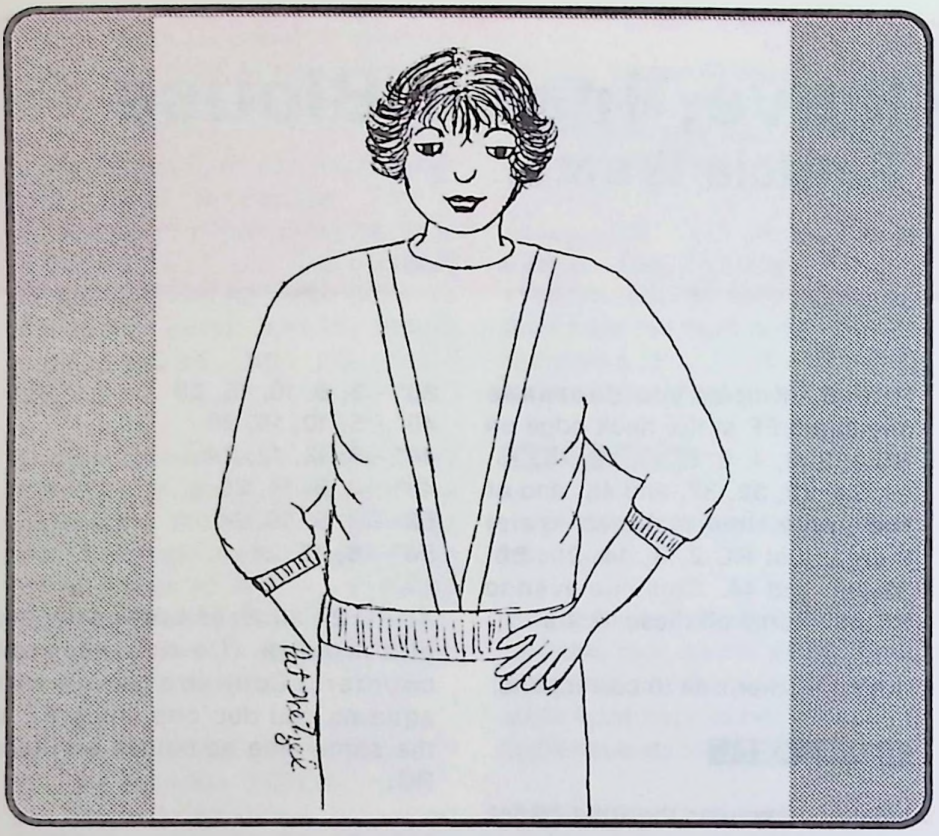


RC000. At the side opposite the neck edge, all sizes knit and decrease **two** stitches full fashioned at just the side opposite the neck edge of every 6th row (RC 6, 12, 18, 24, etc.). Stop at RC 112. You should now have 67 stitches. Scrap these off.

Knit all the other three sides and sleeve halves as above, starting each piece with the carriage on the side opposite the neck edge of the panel. For two halves the carriage begins on the right and for the other two halves you must begin with the carriage at the left.

NECKBAND

Sew/join one shoulder seam. Purl side facing you, pick up all neckline stitches, allowing 7 stitches along each side of the back neckline and 31 stitches along each side of the front neckline. With taffy pink and T 4 knit 24 rows. Bind off to form a rolled neckband. Sew/join the other shoulder seam.

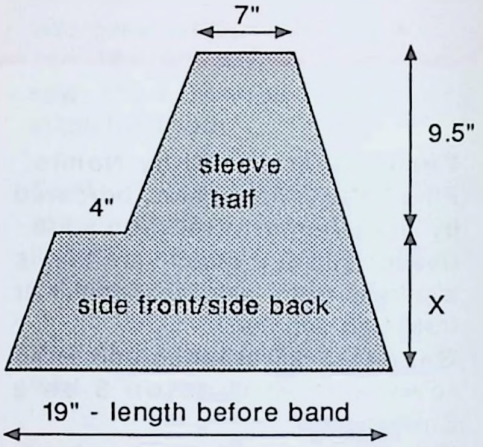
LOWER BANDS

Put the carriage at the left. Pick up as many stitches as possible along the bottom of the front. Tension 4 knit one row left to right, then transfer every-other stitch to the ribber for 1:1 ribbing. Tension 1/1 knit 3" (36 rows). Tension 10/8 knit one row to the left. Transfer all ribber stitches to the macinbed. Break yarn and cast off.

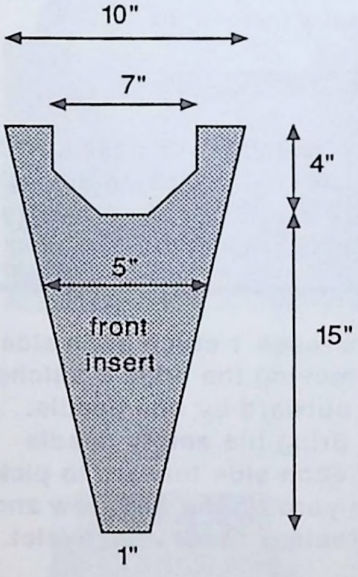
Knit the band for the back of the sweater the same way.

SLEEVE BANDS

Put the carriage at the left. Purl side facing you, all sizes pick up 76 stitches along the edge of one sleeve. Tension 4 knit one row to the right, then transfer every-other stitch to the ribber for 1:1 ribbing. Tension 1/1 all sizes knit 18 rows. Tension 10/8 knit 1 row. then transfer all ribber stitches to the main bed. Break yarn and cast off.



X = 6.5" - 7.5" - 8.5" - 9.5" - 10.5" - 11.5"



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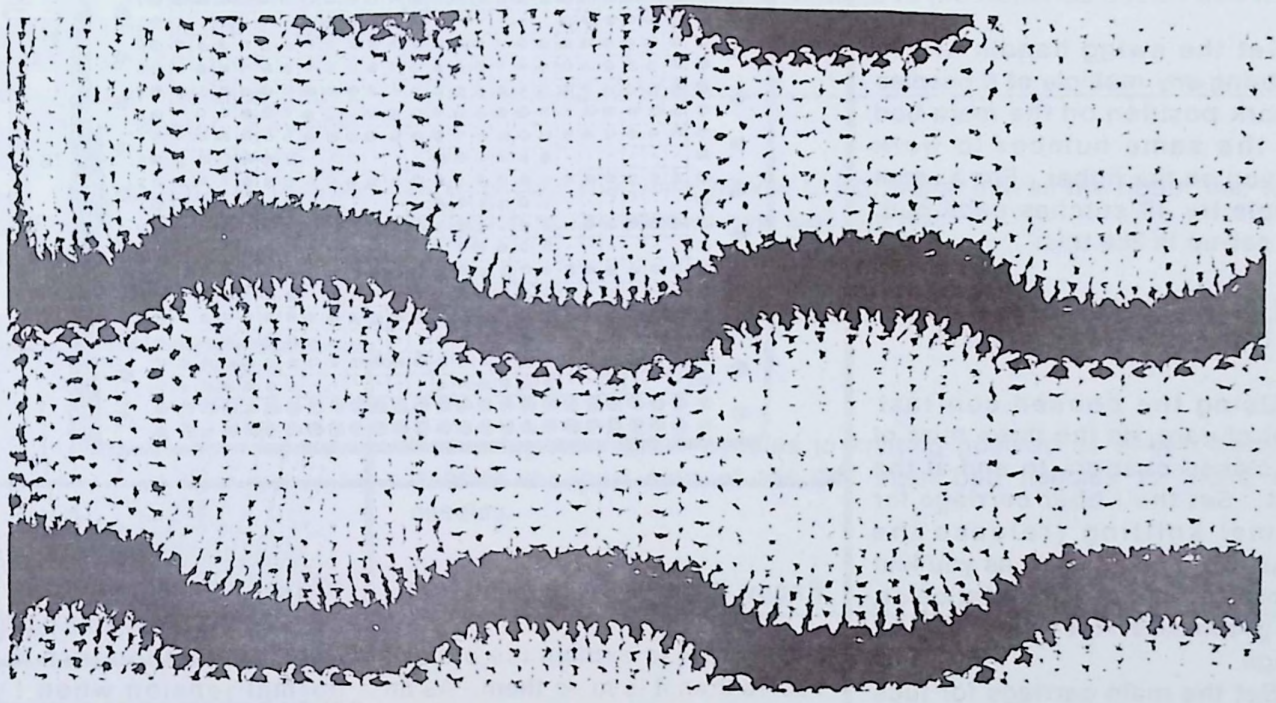
Tuck Stitch, Basketweave Afghan

Patricia Wetzel



At January's knitting club meeting I showed several things that I had made on a Passap E-6000 for the next issue of *Simply:Passap*. Most of the women have Japanese machines, so they want to know how they can do Passap stitches on their machines.

The photocopy picture above shows a portion of a sweater that I knitted in a fancy shaker knit basketweave stitch. Since so many of the club members wanted the stitch design, I decided to share it here with instructions for knitting it as an afghan. Then, if you wish, you can design your own sweater using the same stitch pattern.

First, punch the card. My Passap design has 8 stitches and 20 rows to each square, but I had to adapt the design for Japanese punchcard machines. Your result should be quite similar to the picture, although each square will be 6 stitches wide and just 12 rows tall.

Second, if you have a double bed yarn changer, install it and use it since the design requires you to knit stripes of 12 rows main color and 4 rows contrast color throughout. But if you don't have a color changer you will have to change the colors by hand (not such a big deal). The colors will always changed at the left side.

Third, select the yarn you wish to work with and follow the instructions as you experiment with stitch size until you find the

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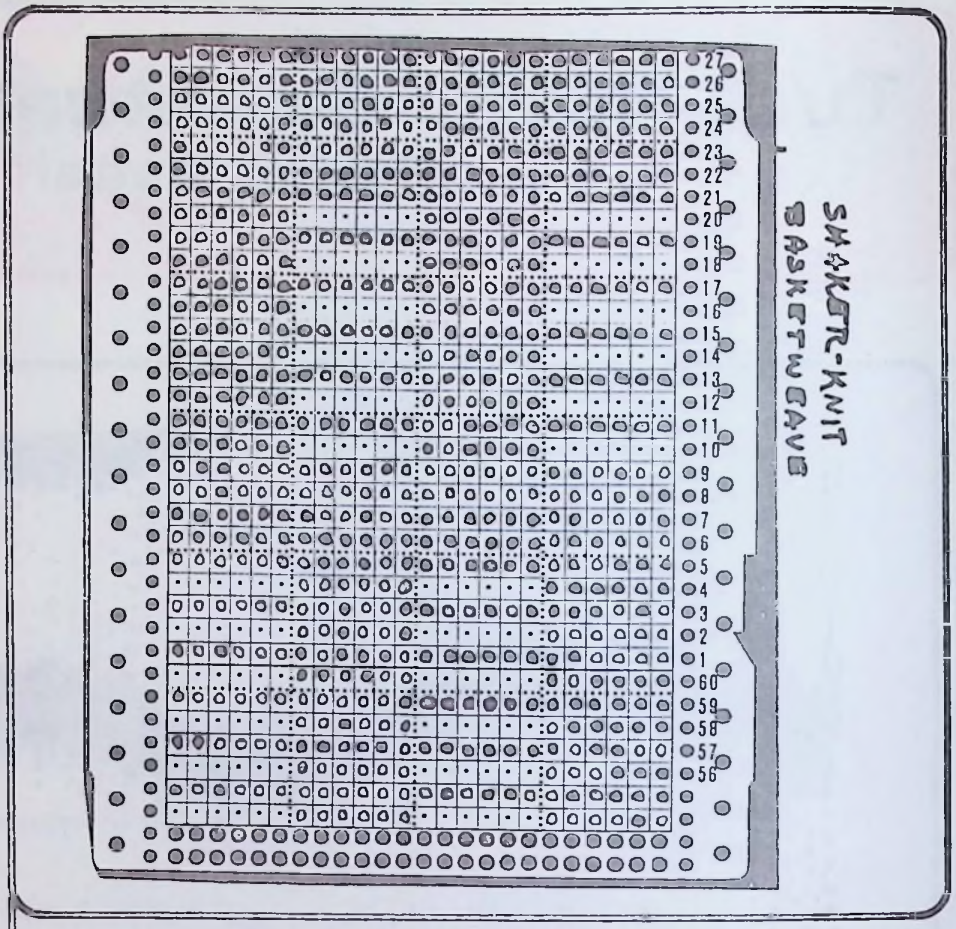
combination of yarn and stitch size that knits well on your machine. Since this is a full needle rib fabric, you will be limited to fairly thin yarns. You might try a single strand of 2/24, a single strand or 2/20, or a single strand of 2/15. Probably yarns thicker than 2/15 (e.g. 2/12, 2/11, 2/10, 2/8) will be too thick to knit on your machine.

To knit an afghan:

1) Set the swing handle on H5 and bring any multiple of 6 needles to work position on the main bed and the same number to work position on the ribber. For a small sample try 48 stitches each bed. The set-up is like this:

```
|||||||||||||||||||||||||
 |||||||||||||||||||||||||
```

2) Using the chosen contrast color of yarn, do the three rows of the closed cast on, to end at the right. Set the ribber carriage for normal knitting (release the circular button). Then, as you knit to the left with the contrast color, program the first row of the design.
3) Set the main carriage for tuck knitting, but let the ribber set for plain knitting.
4) RC000. *With main color knit 12 rows. With contrast color knit 4 rows.* Repeat this stripe pattern throughout until the piece is the desired length, ending with 12 rows of main color. RC _____.
5) Finish off by knitting just 2 rows of contrast color, ending at the right. Then, at a very loose tension, knit one row to the left and break yarn. Lower the ribber by one notch and cast off in a zigzag fashion.
6) If this first piece is too narrow for an afghan, knit another wide piece or two narrow pieces and sew them together. Do not fringe.



Fancy Cable Pattern (from p 19)

It is harder to explain the braided cables than it is to do them. As an aid I find it helps if I make myself a little chart first with every 4th row listed with an L or R beside it. Then if the phone rings I'll know what side I was supposed to cross next and when (such as 44 L, 48 R, 52 L, 56 R, etc.). For those of you that like pictures, you could also do this as a diagram, by drawing a line down the middle of your drawing, then listing the row numbers to the right or to the left of the line like this:

L	R
44	48
52	56
60	64

Tips: When using my ribber carriage I set the knit carriage one dot tighter, then turn it back to normal tension when I put the knitter arm on for the neck shaping.

To make it easier to cross the stitches of the braided cable, when you are on the third row, raise an extra needle on the ribber, under the center of the 9 needles; knit to the right, then drop that stitch off by hand. **But don't forget to drop it!** Once you get in the rhythm of this, it's not as bad as it sounds.

For the best of luck when knitting the sweater, do a practice piece first.

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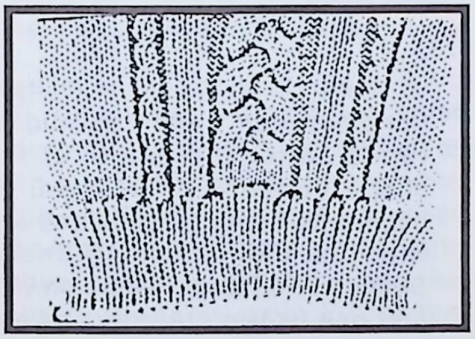
Fancy Cable Pattern

Sue Cole

Last month (January) on pages 20 and 21 we printed Sue's production sweater instructions. This month she has sent us a pretty cable design that she likes to use with that same sweater. She also notes that besides knitting the sweater with Nomis 3/15 and tension 9, she can substitute two strands of 2/24 and tension 7, or use 3/12 and tension 10.

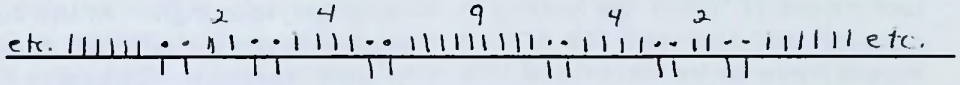


The design is to be worked up the center of the front of the sweater and you might also want to do it in the center of each sleeve.

You begin by knitting the ribbing, then transfer all of the ribber stitches to the main bed. Change to tension 9 on the main carriage and 5 on the ribber (for 3/15).

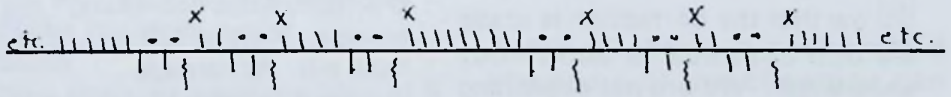
(After each cable twist you might want to pull all cable needles on both the main bed and on the ribber **forward** to guarantee that no stitches will drop off the needles as you knit the next row.)

After the ribbing, with the ribber still set on P5, transfer all ribber stitches to the main bed, then transfer stitches to the ribber as shown below:



Next, change the swing handle to H5, which moves the ribber half a pitch to the left so the needles now look like this:

Now bring new ribber needles to knitting position as shown below and transfer the purl loop of the "x" main bed needles to those ribber needles.



Now you are ready to knit the design. Refer to the photocopy of the design, please. Every 4 rows you will make a 1 x 1 baby cable on the two sets of 2 needles on the main bed and every 4 rows you will do part of the braided cable.

To do the baby cable: Use two 1-prong tools and take off the two stitches, one on each tool. Replace the right stitch on the left empty needle and replace the former lefthand stitch onto the right empty needle.

The braided cable is only done on 6 stitches at a time, first on the left, then on the right this way: *knit 4 rows, do your baby cables first to avoid confusion, then, of the 9 center stitches, take off the **left** 6 stitches on two 3-prong tools. Cross the former left 3 stitches to the now empty right needles, then replace the former right 3 stitches on the left empty needles. Knit 4 rows and do your baby cables, then, of the 9 center stitches, take off the **right** 6 stitches on two 3-prong tools. Cross the former right 3 stitches to the now empty left needles, then the former left 3 stitches to the now empty right 3 needles.* Repeat from * to *.

Continued on page 18

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Short Row Workshop - Part 2

Patricia Wetzel

Last month on pages 16, 17 and 18 I began to explain the techniques of "short row knitting in colors" and realized the article would have to be continued this month. As I read over what I had written, I see a huge error (and I can't under- stand why I wrote what I did): page 18, under "Section A" the bold faced paragraph should say:

Shape the triangle: At the carriage side of the work position needles, put the next needle in hold position. Knit 2 rows.

Now that the correction is made we can continue to add to our knowledge. We are not examining free hand short row knitting in colors, but are concentrating on very specific geometric shapes. That being the case, let's set down the different, possible shapes plus an explanation of the method of knitting each one.

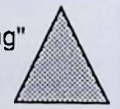
A = a "right moving" parallelogram. All increases are done at the right and all decreases are done at the left. Knitting rule: Knit left. *At the carriage side put the next WP needle in HP to decrease one stitch. Opposite the carriage put the next HP needle in work position to increase one stitch.*

B = a "left moving" parallelogram.

All increases are at the left and all decreases are at the right. Knitting rule: *Knit left, then right. At the carriage side put the next WP needle in hold position. Opposite the carriage put the next HP needle in work position.*

Note that both "A" and "B" shapes maintain the same number of stitches throughout.

C = "left side decreasing" triangle. Knitting rule: Knit left. *At the carriage side put the next work position needle in hold position. Knit 2 rows.*



D = "both sides decreasing" triangle. Knitting rule: *Knit left. At carriage side put the next work position needle in hold position. Knit right. At the carriage side put the next work position needle in hold position.*

E = "right side decreasing" triangle. Knitting rule: *Knit left. Knit right. At the carriage side put the next work position needle in hold position.*

F = "both sides increasing" triangle. Knitting rule: *Knit left. Opposite the carriage put the next hold position needle in work position. Knit right. Opposite the carriage put the next hold position needle in work position.*

G = "left side increasing" triangle. Knitting rule: *Opposite the carriage put the next hold position needle in work position. Knit left then right.*

H = "right side increasing" triangle. Knitting rule: Knit left. *Opposite the carriage put the next hold position needle to work position. Knit 2 rows.*

Notes: In all cases the instructions between * and * should be repeated for the length of the shape. Shapes C, D, and E all begin with many stitches and end with just one or two stitches. Shapes F, G, and H all begin with just one or two stitches and end with many stitches.

All shapings create automatic wraps so you don't have to worry about large holes appearing between the shapes.

As you knit keep careful notes about your position in a pattern, since it is very difficult to look at the fabric and determine which parts you have and have not knitted.

Now we are ready to examine some ways of combining these shapes in the knitting of a garment

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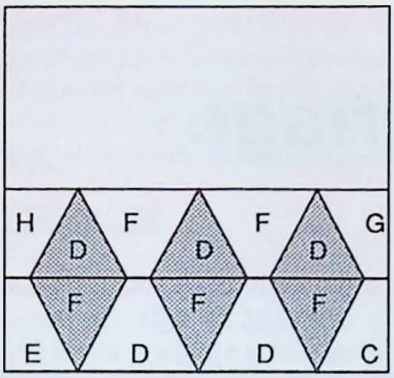
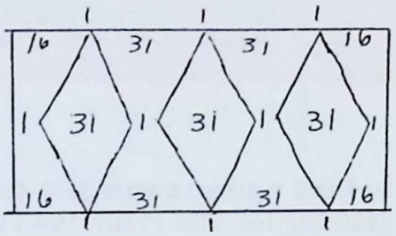


I put the horizontal lines in so you could easily see the different shapes that would be involved if we were to knit a sweater with three large diamonds on the front, with all spacing the same. Please note that some of the triangles seem to be squared off at what should be their points. I did this just so you would see that there would be a one or two stitch space here between the diamonds.

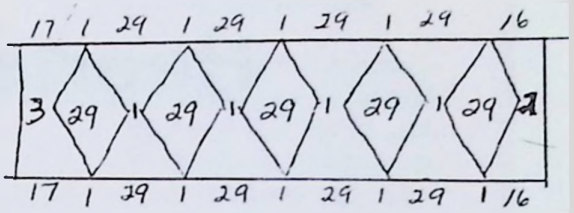
To knit this garment you must begin at the bottom and knit all of the unshaded areas first because the sections that **decrease** must be knitted first, before the sections that increase. So, following the instructions on page 20 for the various shapes, you would knit the lower sections "C", "D", "D", then "E" - in that order. Next you would knit each complete diamond (shape "F" then shape "D"), beginning with the one at the right and ending with the one at the left. Finally, you would knit the upper, unshaded shapes, working again from right to left. In order you would knit shapes "G", "F", "F", and "H". After that it would be normal knitting of the remainder of the garment.

Did you just ask, "but how many stitches should I use"? All I can tell you (if you can't chart) is to pick a plain sweater pattern that you have used often then work and juggle numbers until you get a design that will work with **your** number of stitches. It will take time to get something that will come out even. Let me throw a few possibilities at you.

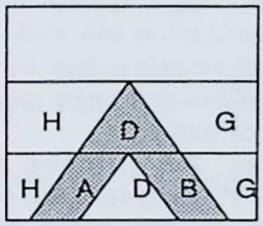


Each diamond is 31 stitches wide at its widest and just 1 stitch wide at each point. The triangles have 1 stitch at the point and 16 stitches at the widest (half a diamond plus that "point" stitch). In this case, using just three diamonds across totals 97 stitches. But suppose you need about 154 stitches for your sweater width? For each diamond you add, you add 32 stitches to the width. So, 97 stitches + 32 stitches for one added triangle= 129 stitches, which still isn't wide enough for you. Add another for 5 diamonds in all and 97 + 64 = 161 stitches. Now it will be **too wide**.

Why don't we keep the idea of 5 diamonds, but change the width of each diamond from 31 stitches wide to 29 stitches wide (subtract 2 stitches off the width of each diamond)? If we do that, 5 diamonds x 2 stitches each = 10 stitches fewer. 161 stitches - 10 stitches = 151 stitches. That might be the closest you can get to the width you need by changing the overall dimensions of the diamonds. However, you could add 1 stitch at each side of the sweater for a total of 153 stitches. But if you would instead add 2 stitches at one side and just 1 stitch at the other side, you would have a total of 154 stitches - the width you need. Your diagram would then look like this:



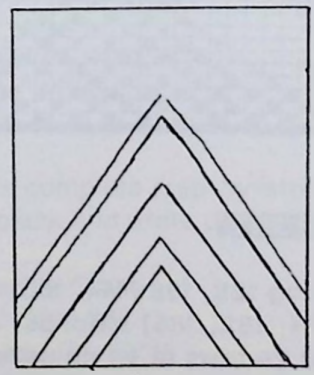
In the space remaining on this page, let's very briefly examine the knitting needs for this design:



The horizontal lines are drawn just to show you where both diagonal stripes join to become a triangle and to show where the design finishes. Knit this design parts in this order: lower D, B, A, lower G, lower H, upper D, upper G, then upper H.

Additional chevrons can be added and some of the chevrons can begin at the edge of the garment as shown below. With all of the helps in this and the January issue, you should be able to make this sort of design your own.

Enjoy!



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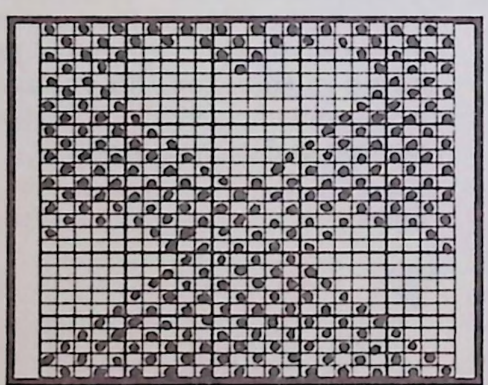
Hearts on the G-Carriage

Catherine Stone

Yarn: Tamm Diamante in the color of your choice, although the model garment was knitted from mauve. A 1 pound cone will make the size 42" and possibly the 44", but all larger sizes will need more than 1 pound of this yarn.
Gauge: 7.5 stitches and 12.5 rows = 1" using **tension** 6 1/3 on a Brother 930 with garter-carriage.
Finished bust measurements: 34",36"(38",40")42",44"[46",48", 50"].
Design: Shown below. It is 24 stitches wide and 28 rows tall. When knitting you **must** elongate (double the length) or input the design or mark the card by doubling each row.
Orientation: the knit side is the right side of the garment.



FRONT

Using 128, 136 (144, 152) 158, 166 [174, 182, 188] stitches, all sizes knit 26 rows of 1:1 rib using T 1/1 if a ribber is used or T 2 2/3 if the garter-carriage is used.

Set the garter-carriage's down counter for 164 (170) 164 [164] rows and knit that much in the heart design using tension 6 1/3.

All sizes place a marker in each edge stitch to indicate the beginning of the armhole. Set the down counter for 50 (56) 62 [76] rows and knit those rows in design.

Shape front neckline: All sizes take the center 26 neck stitches off on a yarn holder (13-0-13) and knit all the stitches at the left back to "A" position on ravel cord. Set down counter on "50" and all sizes knit that many rows as you also decrease 1 stitch FF EOR at the neck edge a total of 13 times (after 26 rows have been knitted and the down counter shows "24" the first needle with a stitch at this neck edge should be # 27 R). Scrap off these 38, 42 (46, 50) 53, 57 [61, 68] shoulder stitches when the G-carriage stops.

BACK

Knit the same as the front up to the armhole markers. At that point set down counter on 100 (106) 112 [126]. After those rows have knitted, scrap off each set of shoulder stitches as well as the 52 center stitches for the back neckline.

NECKBAND

Join one shoulder seam before

continuing. Use the regular carriage and cast on 142 stitches with scrap yarn and knit several rows to end at the left. Knit one row just with ravel cord to the right. With main yarn and tension 6 knit 4 rows. Purl side facing you, hang the neckline stitches on top of these band stitches, picking up all scrapped off stitches plus 32 at each front curve, then knit one row to the left. Now change to the garter carriage (or ribber) and using the ribbing tension as noted for the lower band, knit 13 rows of 1:1 ribbing. Tension 10 knit one loose row to the left. Then, break yarn and cast off.

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Join the other shoulder seam and band seam. Backstitch the raw neckband stitches to the right side of the garment neatly to mock the look of a commercial neckband.

SLEEVES

Purl side of garment facing you, pick up 122 (128) 136 [152] stitches between the armhole markers. Tension 6 knit one row with the main carriage.

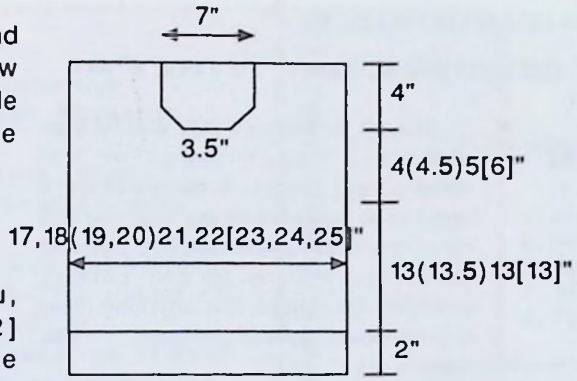
Since the sleeves are knitted from top to bottom it is essential that you use the "upside down" key if you have an electronic machine. Punchcards must be turned upside down.

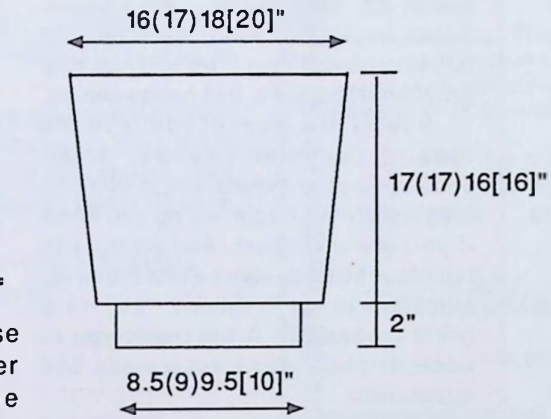
Set **row counter** on 000 and use it to keep track of the total number of rows knitted as you use the down counter for each segment of rows to knit between decreases. The total rows for the sleeve before the cuff is 214 (214) 200 [200]. Decrease 1 stitch FF at each side of every 20th (20th) 20th [16th] row.

At the above mentioned final row you should have 82 (92) 100 [108] stitches. Decrease 18 (24) 28 [32] stitches evenly across to a total of 64 (68) 72 [76] needles with stitches.

Cuff: All sizes knit 26 rows of ribbing as for the other bands, then one row tension 10. Break yarn and cast off.

Knit the other sleeve exactly the same way.





Editorial note:

On page 14 the measurement diagram is so dark that you will not be able to read the numbers on the diagrams, so here are those numbers:

width above armhole shaping
10.75 - 11.25 - 12 - 12.5 - 13"

chest width
14.5 - 15.5 - 16.5 - 17.5 - 18.5"

sleeve width at top
11.5 - 12 - 12.5 - 13 - 13.5"

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Catherine Stone
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If you have a question that pertains to one of the patterns in this issue, please contact the person whose by-line appears with that pattern or article.

Key to Photographs

 # 1 - Little Girl's Sideways Pullover - page 3

 # 2 - Greg's Car Sweater - page 10

 # 3 - Dolman Sleeve, Insert Blouse - page 15

 # 4 - Summer Pullover for G-Carriage - page 5

Cover photo - Brian's 4 x 4 Sweater - page 13

A Chat With Pat

Happy Valentine's Day and let's all wish Carl a happy birthday (Feb. 15)! What's your news? A couple of days ago I took scissors to my hair and got rid of the frizzy perm that has plagued me for four months. My self- cut hair probably looks bad, but anything is an improvement on the permanent - ask Carl!

Susan from Connecticut writes, "I'd love to know if you're still not smoking". I haven't smoked since March 20, 1989, but it's still a battle! Those of you who are hooked on your caffeine should give it up and see how great an influence a bad habits can be.

Seems like most of you **love** the idea of the mini-sweeps. Keep sending in your tickets and it won't be long before we begin letting you know if you are a winner! And be sure to tell other knitters about *Pat's Patterns*, since this is our livelihood - and it's a great magazine! A big thank-you to each of you - our best friends and supporters.

On a sadder note, I sympathize with everyone who is suffering from any major physical disability or chronic illness. Your letters to me, telling me how much you enjoy *Pat's Patterns*, do a lot to lift my spirits when I am feeling low. I am glad that we can bring a little sunshine into your life! What would we do if we couldn't at least have knitting patterns to read and yarn to look at to bring us out of a cast of the blues?

You know that I always suffer from "foot in mouth" disease. I let you know my thoughts - good and bad. This clears the air and then problems don't have a chance to grow out of proportion. Some of you get upset when I get "on my soapbox" about some subject, but how else can I let you know my thoughts, perceptions, goals, and theories?

Well, my Lord has blessed me with many talents, for which I don't thank Him often enough. But one talent I don't have is the ability to read minds. Each month some of you forget to renew in time to get the current issue, then you get "mad" with me because you miss an issue. We stamp "time to renew" for 3 or 4 months before your subscription actually runs out. **Please** renew the **first** time you see that notation, then you won't miss any issues. If we send the Nov. issue on Oct. 21, then get your renewal on Oct. 22 there is **no way** that we can know in advance that you wanted the Nov. issue and that your check was in the mail. We have no way to recall the shipment and add an issue for you (we would if we could but we can't so you miss an issue). So please don't get angry with Carl and me if we don't get your renewal in time to act on it in time to save you agony.

I didn't mean to use so much space on that subject, but I felt an explanation was needed. Now, if any of you know where I can take a class in mind reading, please let me know about it!

All joking aside, we do try our very best to please each of you and go out of our way to avoid offending anyone. Anytime you have a suggestion about some improvement we can make, don't hesitate to let us know about it.

Once I started the layout of this issue I realized that most of the knits are for children this time. Perhaps that will make up for the many times that we have neglected the kids. Next month we will have a couple of classic pullovers for men (one in fairisle and one in simple stockinet using cotton), one **gorgeous** two- piece dress for women, and several other very nice knitting projects.

Are you enjoying the "Knitter's Dictionary"?

What techniques do you want me to teach you? I got a telephone call a week or so ago from Pam in Ohio, wanting to know how to change the length of a front neckline without re-doing the front! Know how? I'll explain that in the March or April issue.

What do you want to knit? I like pretty outfits for me and pretty sweaters for my nieces and grand-children. Sometimes I even design a good-looking sweater for one of our sons!

Let me hear from you soon. O.K?

Pat

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MACHINES

Studio SRP60 fits any Singer or Studio 360, 700, or 580. Price $270 plus shipping. 814/474-3554.

Toll free 1-800-BUY KNIT (289-5648) Sew-Knit Distributors beast any price on new Brother/Knitking, Singer/Studio, Toyota/Knitcraft, Bond/Babyknit or Passap/Superba (White) knitting machines. Bond - 149, KH230 - 299, KH260-629, KH940 1169, UE 100 - 709, Passap E-6000, 1999, Tapimatci - 299, DL-1000 - 499, Toyota 950 - 499, J2 Steamer - 139. Visa, MasterCard, Discover, AMX, BEN charge. 6x#1

KH230 bulky knitting machine and ribber $628, shipping paid. Used just one month. B. Konjevich, 9321 Heatherdale, Dallas, TX 75243. Phone (214)553-8789.

MISCELLANEOUS

Wanted: Knitting machines good working condition. Will trade yarn for equal value machine. Stephanie's Yarns, Rt 1, Box 14B, Bybee, TN 37713. Send SSAE for information. 6x#1

#6268 Singer Sew-ware #5 Holiday cartridge $15, #6 Floral $15, #4 Decorative $18 (values to $55) plus $2 shipping. Perfect condition. B. Konjevich, 9321 Heatherdale, Dallas, TX 75243. Phone (214)553-8789.

Paints and Iron-on Transfers: Pre-shaded bashion transfers: bears, Pierrot clown, Victorian girl, eagle and snake, butterflies, mask, floral, tiger, Oriental girls, lady with hat, kittens and rose, parrot. $3.99 each. Use on sweatshirts, T-shirts, sweaters. Puff paints, glitter, and iridescent paints $2.99 each. Stephanie's Yarns, Rt 1, Box 14B, Bybee, TN 37713. 6x#1

SEMINARS

New England Seminar March 31 & April 1, 1990 at the Colonial Hilton in Wakefield, Mass. See the half page ad in this issue for details or phone sponsor Norma at (508)535-5212.

Third Annual Knitting Pow Wow for all machines at the Holiday Inn Holidome in Indiana, PA April 7 & 8, 1990. See the large ad this issue for complete details and registration blank.

VIDEOS

Excellent video for Studio/Singer 580. $39.95. MI residents add 4% tax. J & J Knits, 505 S. Lansing St., St. Johns, MI 48879.

YARNS

New chenille, mohair, wool velveen, soft wool-glitter blends (exquisite!), Italian cotton on balls and cones, Ultrasuede yarn, 100% Angoras, acrylic, 2/10 70% Angora/ 30% wool on cones, various weights of cottons. All tested on the knitting machine. Some sale items. Send $1.00 for samples. Dealer prices available. Bonnie Triola, 5694 Garwood St., Fairview, PA 16415.

Clearance: Ragg Cotton Chesterfield $1.00 lb. Stephanie's Yarns, Rt 1, Box 14B, Bybee, TN 37713. Call 1-800-323-9411. Visa/MasterCard/COD. 6x#1

New line of luxury yarns: variegated mohair, "Birds", Angora, Cotton/Rayon, Cotton Ribbon, Wool Ribbon, Wool/Rayon, cotton blends and beautiful variegateds for the regular and bulky machines. Baby camel hair, wool/silk/cashmere, "Go-Withs" yarns. Send $8.00 for complete color card of luxury yarns and our new Subtle Shades. Dealer prices available. Bonnie Triola, 5694 Garwood St., Fairview, PA 16415.

1/2 price dress yarns. "Dove" reg. $16.98 lb. "Grouse" reg. $18.98 now only $8.98 lb. Granada reg. $16.98, sale $4.98 lb. Hurry! Limited supply. Stephanie's Yarns, Rt 1, Box 14B, Bybee, TN 37713. 6x#1

10/2 Imported Italy 60% cotton, 20% acrylic, 20% viscose - $8.98 lb. 36 colors. Stephanie's Yarns, Rt 1, Box 14B, Bybee, TN 37713. 6x#1

← — **NEW BOOK!**

SIX good looking sweaters for men. Each features an interesting technique! Photos!

$6.00 + $1.00 p/h

J & J Knits
Jeffery L. Tissue
505 S. Lansing St.
St. Johns, MI 48879

DEALER INQUIRIES INVITED.

Book List - Effective August 15, 1989

New! Chunky Knits for Family - $8 - color photos
New! Patterns for Beginners (for the LK-140 - $6

All for Women, Vol 1 - $9 - color photos
All for Women, Vol 2 - $9 - color photos
Bulky Knits for Baby - $9 - colorphotos
Cables, Mock Cables & More - $9 - color photos
Sweaters for Jeans - $5
Chunky Knits for Women Vol 1 - $7
Chunky Knits for Women Vol 2 - $9 - color photos
Plain & Fancy - $5 (for girls 6 mos to size 10)
All for Girls Vol 1 - $9 All for Girls Vol 2 - $9
Vests & More - $5 Cover-Ups - $7
Krinklespun Knits - $7.50 Family Knits - $6
All for Dolls - $6 (small & large soft dolls' clothes)
All for Baby - $9 - B&W photos
Kiddie Korner - $7

Add $1 p/h for one book, $1.50 for 4-10, $2 for 11-23.

Sylvia Stewart
Rt 5, Box 138 - Kittanning, PA 16201
Phone: (412)548-5686

The latest rage is "Sweatshirt Knit-Ins".
Have you seen these books from Nomis?

Women's Sweatshirt Knit-Ins is a book that features **six** different sweatshirt designs and **six** different collar styles. Mix and match for 36 different combinations!
$7.00 postpaid

Children's Sweatshirt Knit-Ins is a book that features **six** different sweatshirt designs and **six** different collar styles. Mix and match for 36 different combinations. The kids' book is totally different from the women's.
$7.00 postpaid

Save $3.00!

While supplies last
you can order both books for just
$11.00

Pat Wetzel
Rt 4, Box 416
Indiana, PA 15701

Knitting pattern books

Lois Blystone
Rt 1, Box 199- Creekside, PA 15732
Phone: (412)397-2671

Sweaters for Beginners - $8
Women's Sweaters - $8
Easy Sweaters and Cardigans - $8
Sideways Knits - $8 Reversible Knits - $8
Nice 'N Easy Sweaters - $10
Gloves, Sweaters, Mittens, Socks, Hats - $5
Cotton Tops Set I (summer) - $7.50
Cotton Tops Set II (winter) - $7.50
Cottons for Kids - $7.50 Maternity Outfits - $4
Men's Sweaters - $8 Sweaters for Boys - $6
Carrot Patch Knits - $4 ETC - $8
Fun with Weaving - $8
Design Favorites (70 designs) - $10 (Disk $8)
Easy Bulky Favorites - $8
Bulky Cotton Tops - $7.50
He & She Bulky Knits - $8
Women's Bulkys - $8 Y Knot Bulkys - $8

p/h: 1-2 = $1, 3-10 = $1.50, 11-23 = $2, 24 + free

Great Deals for Renewals to *Pat's Patterns*

Renew for **two** years - regular $36.00 - send only $32.00.
You save **$4.00** That's a good deal! Check here ____.

Here's a better deal:
Renew for **three** years - send only $50.00. Save **$4.00** plus we will send **you** your choice of new, **free** pattern book and 4 **chances** good on our next **$100.00 yarn give-away**.
Check here ____. Book wanted (# 1 or # 2) _____.

These renewal offers will expire March 15, 1990!

Sure you can charge it to your Visa or MasterCard. Be sure to include card number and expiration. We will add a 5% service charge.
These special renewal offers are applicable only for US residents.

Pat's Patterns Sweepstakes

Only our loyal subscribers are eligible to win. Each month 6 lucky people will win a very nice small gift. **Two** times each year all of the eligible mini-sweeps tickets will be put in one big "pot" and **one** ticket will be drawn. That individual wins **$100.00** worth of **name-brand yarn**.

Complete the ticket and send it to:
Wetzel Enterprises
Rt 4, Box 416
Indiana, PA 15701

All winners' names, addresses, and prizes won will be published in the *Pat's Patterns* issue which follows the drawing.

Please print, clip, then send.

Name_____

Address_____

City_____State_____Zipcode_____

This ticket is good for the April 10, 1990 mini-sweeps drawing.
Facsimile tickets are not eligible - only the original red one.
Check the one prize you want if you are one of the six winners.

___Tape measure calculator (6" retractable steel tape with inches & cm).
___One 450 yarn spool of Nomis Angel's Hair or Together (no choice).
___Free Pattern Book #1
___Free Pattern Book #2

This ticket is also good for the May 10, 1990 $100.00 yarn give-away!

* Free Gifts *

For each **new subscription** you send us we will send you your choice of **one** of our new **free pattern books** (pick #1 or #2) and we will also send you **4 chances** good on our next **$100.00** yarn give-away.

As a "thank-you" for your friends that join us, we will send each of them a copy of our lovely *Cruise Coordinates* pattern leaflet.

This offer is for a limited time only. It expires December 31, 1990 or until supplies are gone or until replaced by a new offer.

PLEASE PRINT LEGIBLY

Your Name _____

Address_____

City_____State_____Zipcode_____

Telephone number (include A.C.)_____

FIRST SUBSCRIBER

Name_____

Address_____

City_____State_____Zipcode_____

SECOND SUBSCRIBER

Name_____

Address_____

City_____State_____Zipcode_____

Be sure to include **$18.00** for each USA subscription and **$25.00** for each foreigh subscription. Which **free book/s** do you want? _____
Charge your Visa or MasterCard? Be sure to include expiration date, card number, and name on card. We add 5% service charge.

Third Annual Knitting Pow Wow

Sponsors: Lois Blystone, Sylvia Stewart, and Pat Wetzel.

Location: Holiday Inn, Wayne Ave., Route 119 S, Indiana, PA 15701. Phone (412)463-3561 for rooms. You **must** mention the **knitting pow wow** in order to receive the special rate of $50 per night for up to 4 people in the room. To be sure of getting a room, make the reservation by February 20!

Seminar registrations must be sent to:

Pat Wetzel
Rt 4, Box 416
Indiana, PA 15701

Name_____

Address_____

City_____State___Zip_____

Telephone (incl. A.C.)_____

Spouse's name (if attending) _____

___$52.00 complete package by February 20
___$62.00 complete package Feb. 21 - March 15
___$____(other)_____
___$22.00 for spouse's luncheons

Total enclosed $_____

Your cancelled check is your confirmation that we have received your registration.

Check here please____if you will be attending the Passap classes.

Want to charge it to your Visa or MasterCard? A 5% bookkeeping fee will be added.

Card number_____

Card_____ Expires _____

Signature_____

Seminar tuition:
Saturday's classes = $20.00
Saturday's luncheon = $11.00
Sunday's classes = $20.00
Sunday's luncheon = $11.00
Total: **$62.00**.

Special on total seminar package if postmarked and paid in full by **February 20** - just **$52.00** - that's a savings of **$10.00**.

The first ten people who register for the complete package will each receive a free cone of quality yarn.

Registrations after February 20 to March 15 must be for the full amount. At the door the fee for each day's classes in $30.00 and luncheons will not be sold at the door. Refunds will only be granted at the sponsors' discretion, but none after March 15.

Your non-knitting spouse will be admitted free to classes.

Schedule:

8:00 - registration in the lobby
8:30 - fashion show to help you pick the classes you want to see
9:15 - class # 1
10:15 - class # 2
11:15 - class # 3
12:15 - luncheon
1:15 - shopping
1:45 - class # 4
2:45 - class # 5
3:45 - class # 6
4:30 - door prize drawings

Note: Sunday will end with door prizes at 3:30 for the convenience of long distance travelers.

Saturday luncheon:

Hot buffet consisting of:
lasagne
ham
parsley potatoes
green beans almondine
fruit salad
Waldorf salad
rolls
coffee, tea, or soda.

Sunday luncheon:

Sit down meal consisting of:
chicken Cordon Bleu
French fries
tossed salad
sherbet
coffee, tea, or soda.

Dates: Saturday and Sunday April 7 and 8, 1990.

Machines: Japanese and Passap

Demonstrators:
Jeff Tissue
Joan Timberlake
Judy Simpson
April Probst
Diane Gerrard (Passap)
Lois Blystone
Sylvia Stewart
Pat Wetzel (Japanese and Passap).

Demonstrations: The demos will include double jacquard, finishes, trims, hand embellishments, basic ribber, pockets, applique, collars, buttonholes, and so forth. The exact class schedule will not be available until the day of the seminar.

What you will get if you attend: **free patterns** and many chances to win one or more **door prizes.**

Vendors will be selling pattern books, technique books, gadgets, accessories, and yarns - all for machine knitters!